Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ostitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	4		 2	

Complete if Known				
Application Number	09/104,788			
Filing Date	06/25/1998			
First Named Inventor	John Meyers Adams			
Art Unit	3672			
Examiner Name	Hoang C. Dang			
Attorney Docket Number	97-ST37			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US- 4,811,801	03/14/1989	Salesky	
	 		04/15/1978	Beyer	
	ļ	^{US-} 4,106,578	04/15/19/6	Deyel	
	<u> </u>				-
		US-			
		US-			
		US-			
		US-		_	
		US-		RE	CEIVED 1 6 2004
		US-		5 62	YEIVED
		US-		МД	1 6 200
		US-			2 0 2004
		US-		GRO	ID some
		US-			91 3000
		US-			
	1	US-			
		US-			

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	76
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Of Relevant Figures Appear	Ľ.
						↓
						<u></u>
						 -
						$ldsymbol{ld}}}}}}$

Examiner	Date		
Signature	Considered		
G.g. lataro		L	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

	PT(D/SB/(08-03) DB
Approved for use	through 07/31/2006.	OMB	0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Und	er the Paperwork Red	uction Ac	et of 1995, no persons ar	e required to respond to a collection	of information unless it contains a valid OMB co Complete if Known	ontrol number.
PADEMARA	e for form 1449/PTO			Application Number	09/104,788	
INFO	RMATION	DIS	CLOSURE	Filing Date	06/25/1998	
STA	TEMENT B	BY A	PPLICANT	First Named Inventor	John Adams Meyers	
	///	-4		Art Unit	3672	
	(Use as many she	ets as n	ecessary)	Examiner Name	Hoang C. Dang	
Sheet	2	of	2	Attorney Docket Number	97-ST37	

3

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*			T ²
		Sandvik Rock Tools Percussive Hammers and Bits Trouble Shooting Guide,1994;71-73,76-79, & 81-85; published in the USA	
		RECEIVED	
		RECEIVED MAR 1 6 2004 GROUP 3600	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.